



U.S. Patent Application No. 09/945,278
 Filed: August 31, 2001
 METHOD AND APPARATUS FOR ENCRYPTING...
 Attorney Docket No.: SII-600 [SIMG0096]
 Alfred A. Equitz/(415) 433-2250
 Replacement Sheet 1 of 6

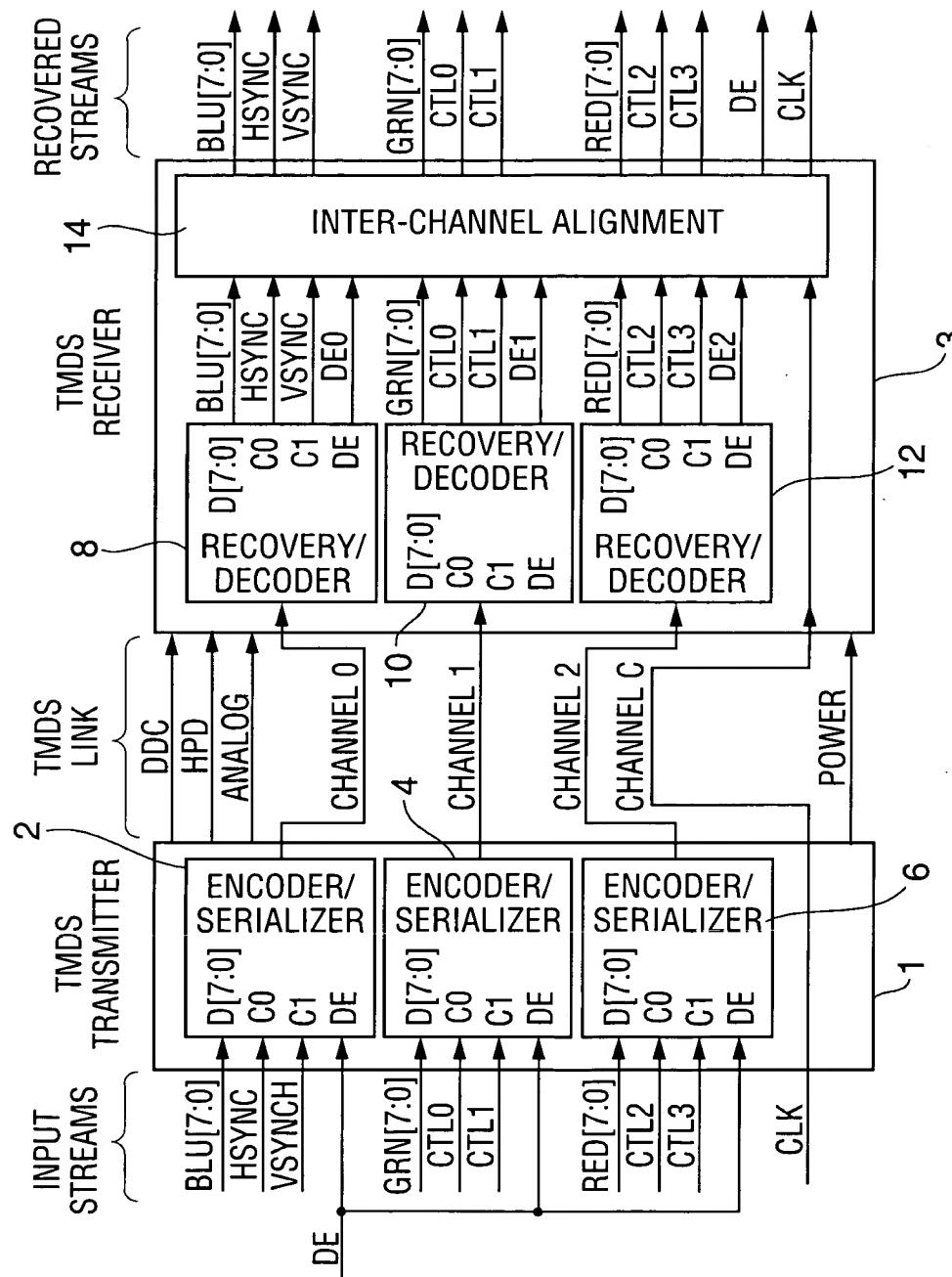


FIG. 1
(PRIOR ART)

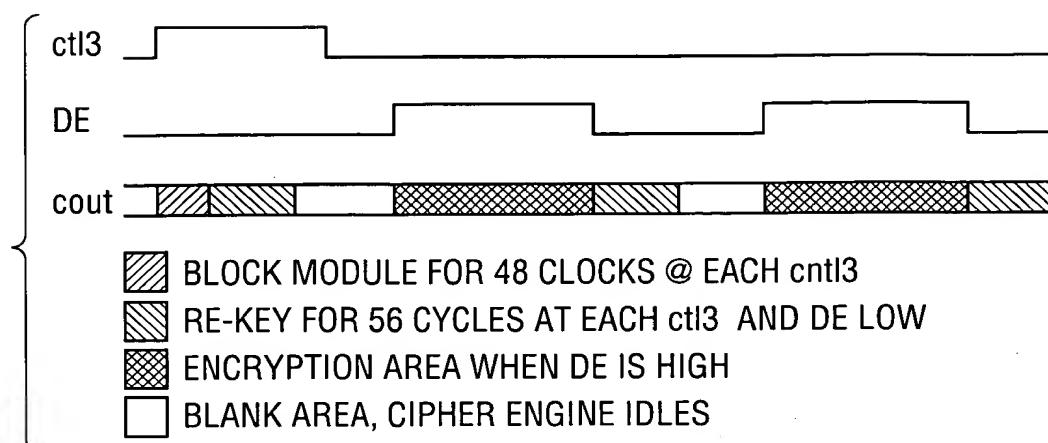


FIG. 2
(PRIOR ART)

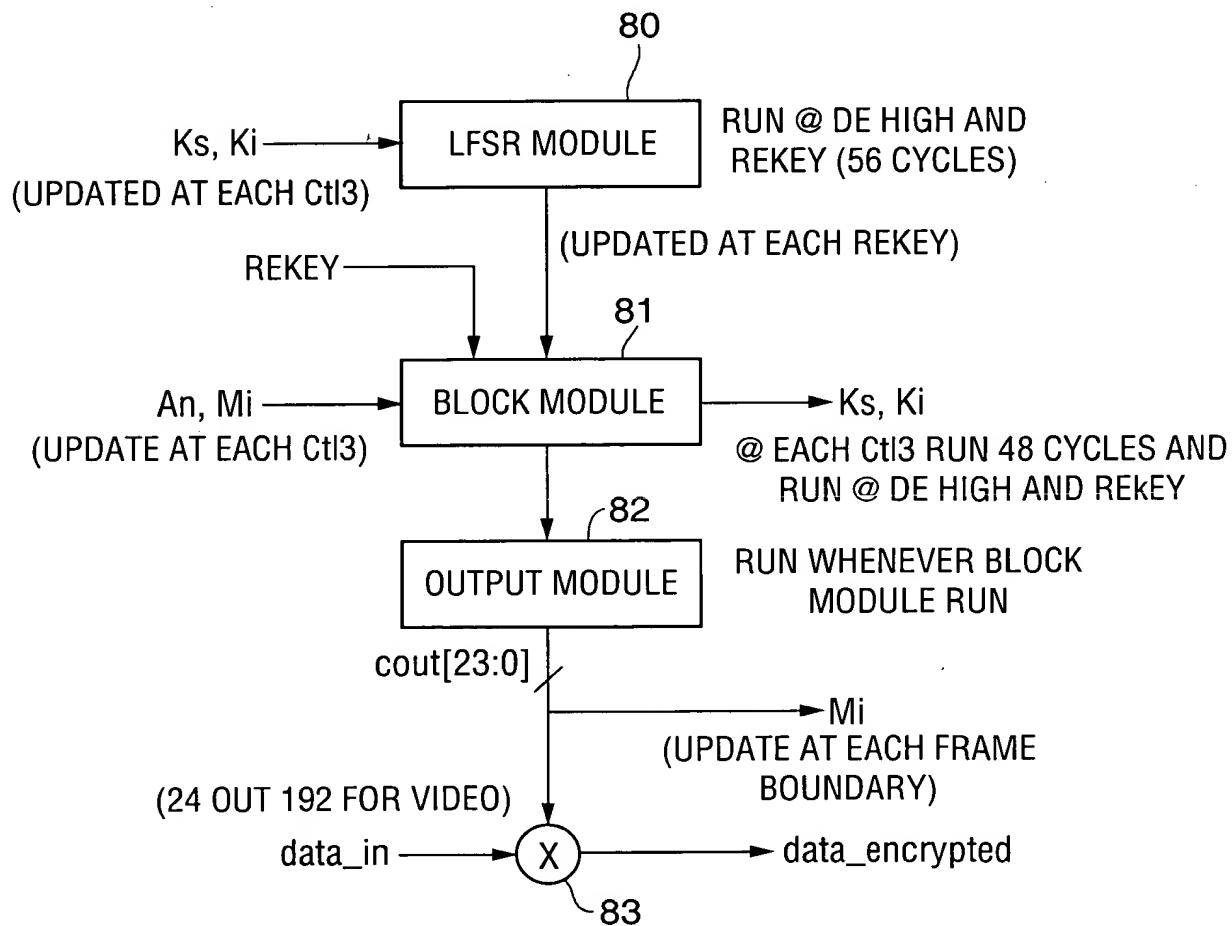


FIG. 3
(PRIOR ART)

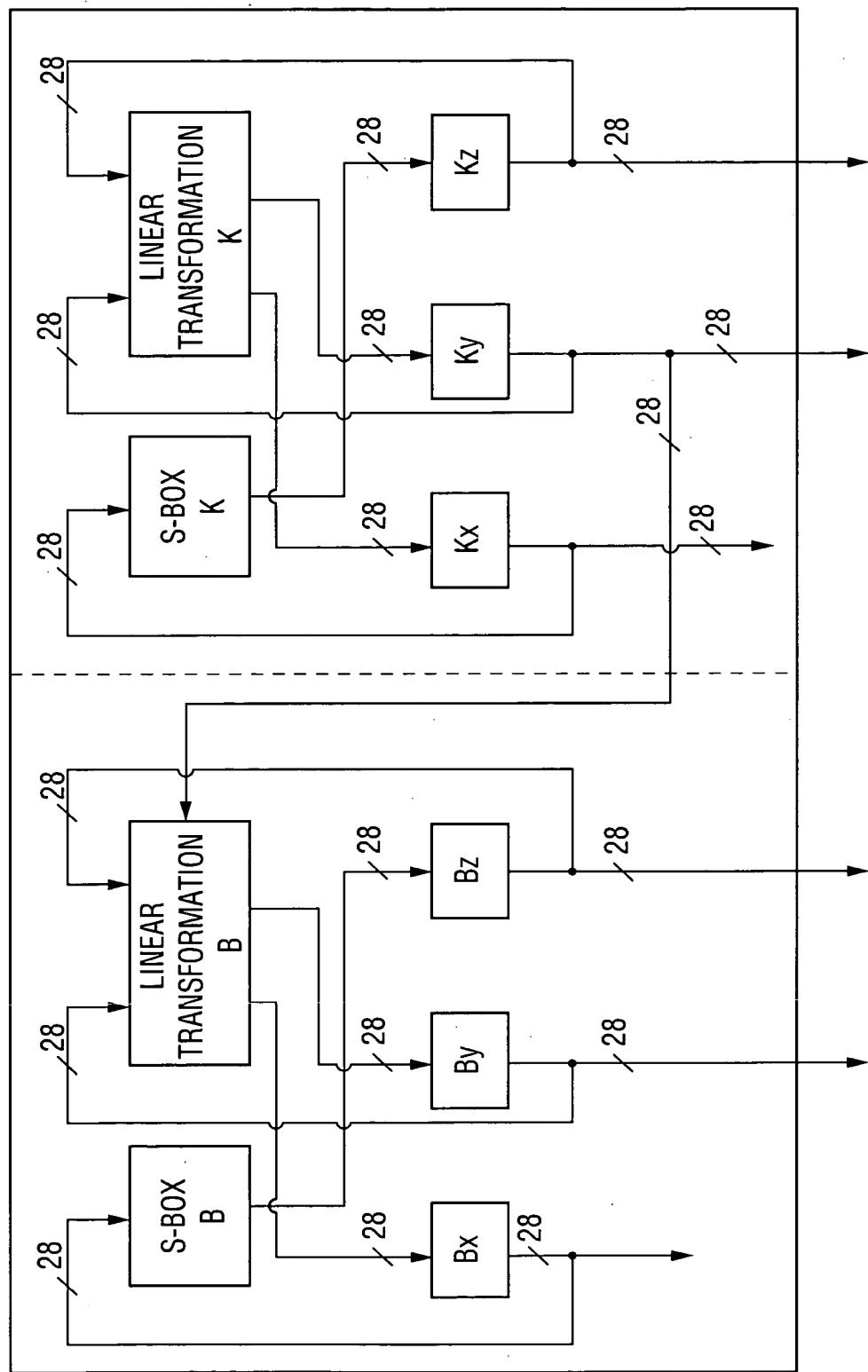


FIG. 4
(PRIOR ART)

INPUT	B0	B1	B2	B3	B4	B5	B6	B7	K0	K1	K2	K3	K4	K5	K6	K7
ORIGIN	Bz	By	Kz	Ky												
OUTPUT BIT																
0	17	26	22	27	21	18	2	5	3	6	0	9	4	22	5	10
1	5	20	15	24	2	25	0	16	20	18	7	23	15	5	3	25
2	22	5	14	16	25	17	20	11	7	19	2	10	22	4	13	21
3	19	3	15	11	21	16	27	1	6	14	9	8	17	18	12	24
4	19	6	17	18	22	7	9	12	25	6	5	2	10	15	21	8
5	3	7	4	8	16	6	5	17	27	14	2	4	24	19	1	12
6	8	21	27	2	11	24	12	3	17	26	4	16	27	7	22	11
7	9	5	7	4	8	13	3	15	9	10	19	11	7	6	8	23
8	26	13	23	10	11	7	15	19	13	12	18	24	15	23	7	16
9	1	0	19	11	13	16	24	18	0	5	20	25	1	24	9	27
10	26	13	9	14	10	4	1	2	14	23	27	25	17	19	1	22
11	21	15	5	3	13	25	16	27	6	21	17	15	26	11	16	7
12	20	7	18	12	17	1	16	0	11	22	20	0	26	23	17	2
13	14	23	1	12	24	6	18	9	8	4	3	14	20	26	23	15
14	19	6	21	25	23	1	10	8	19	0	18	2	13	8	24	14
15	3	0	27	23	19	8	4	7	16	21	24	25	12	27	15	18
16	6	5	14	22	24	18	2	21	3	5	8	25	7	27	2	26
17	3	4	2	6	22	14	12	26	11	14	23	17	22	13	19	4
18	25	21	19	9	10	15	13	22	1	16	14	11	12	6	10	19
19	23	11	10	20	1	12	14	4	21	1	10	20	18	26	9	13
20	11	26	20	17	8	23	0	24	20	21	9	25	12	3	15	0
21	9	17	26	4	27	0	15	6	18	12	21	27	1	16	24	20
22	22	12	2	10	7	20	25	13	13	0	3	16	22	11	26	9
23	27	24	26	8	0	9	18	23	2	0	13	5	4	8	10	3

FIG. 5
(PRIOR ART)

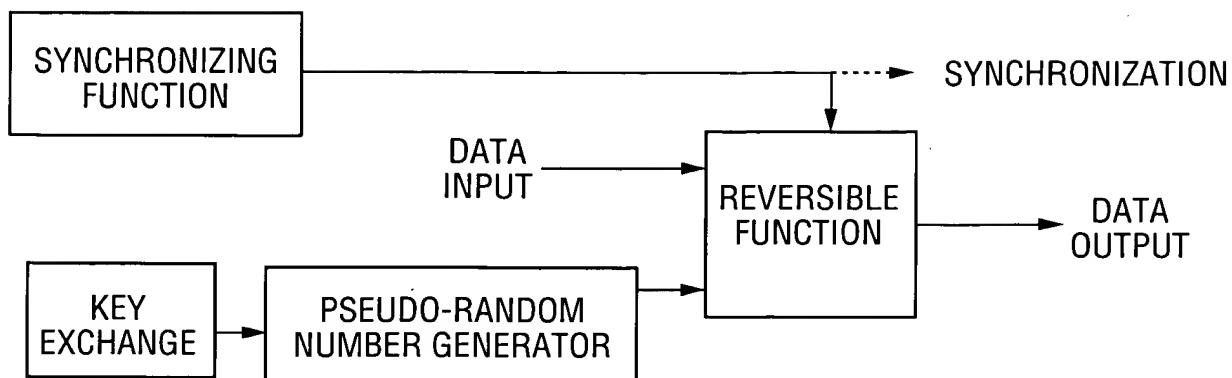


FIG. 6

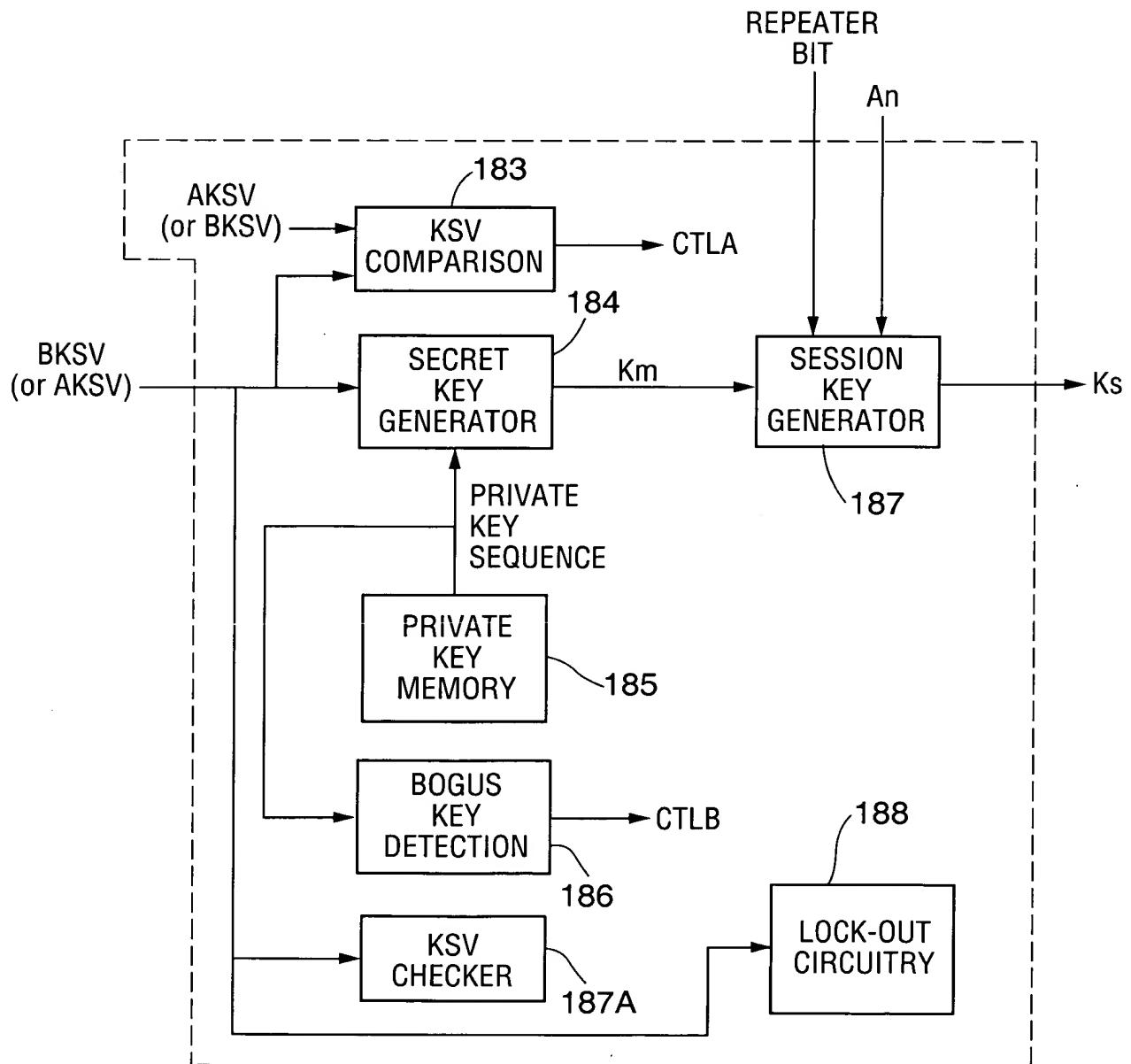


FIG. 7

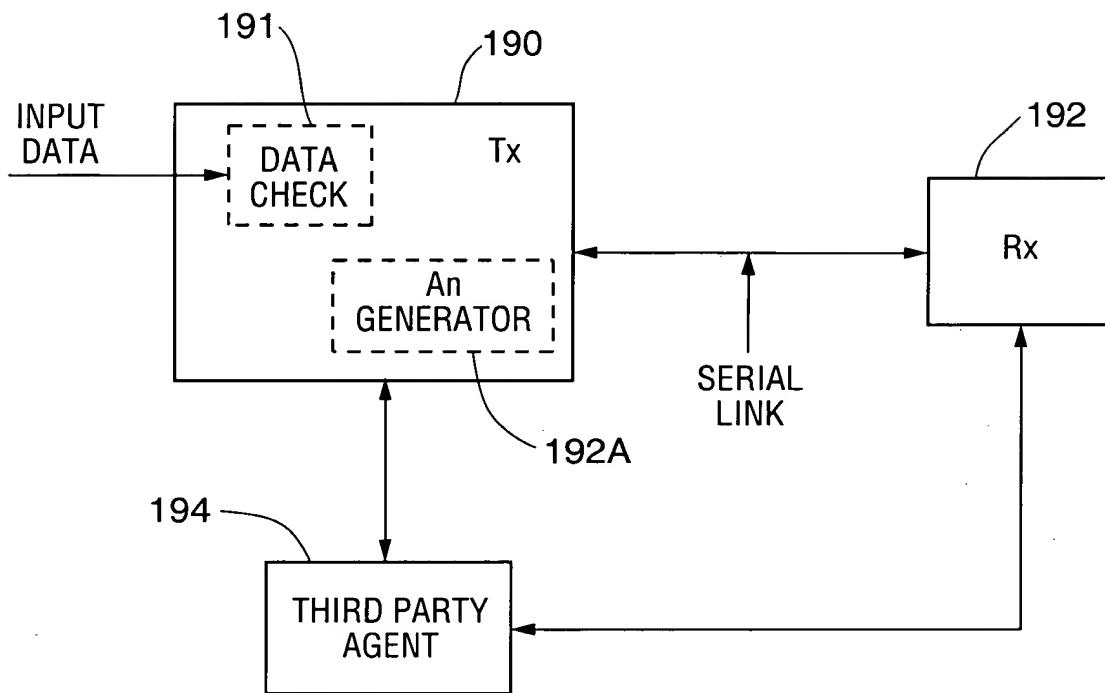


FIG. 8